

VideoMate U3
Digital Terrestrial USB 2.0 TV Box
Start Up Guide

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About This Guide

This manual tells you how to install and use your VideoMate U3 Digital Terrestrial USB 2.0 TV Tuner Box. For more information on using applications, please see the User's Guides in the programs, on the CDs, or at our website for the latest manuals <http://www.comprousa.com>.

VideoMate U3 lets you watch and record digital terrestrial TV broadcast on your computer or laptop. It can efficiently capture digital terrestrial TV broadcast programs from your area. VideoMate U3 features a TV tuner for digital TV broadcast, Digital Video Recording (DVR) functions, scheduled recording at anytime, crystal video quality, and intelligent TV viewing.

MINIMUM SYSTEM REQUIREMENTS

- 600 MHz Pentium III or equivalent CPU (for watching digital TV)
- 128 MB RAM
- Sound card
- Open **USB 2.0** port
- CD-ROM drive for software installation
- **Windows XP SP1, Windows 2000 SP4** or above
- 50 MB free disk space for basic software installation.

RECOMMENDED SYSTEM REQUIREMENTS

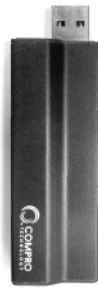
- 866MHz CPU (for watching and recording digital TV)
- 2.4 GHz CPU for HDTV watching and recording.
- 256 MB RAM
- Windows XP SP2 or above
- 3 GB (DVD-quality) per hour of recorded video.

Note

In order to receive digital terrestrial TV broadcast, the antenna is crucial. Digital terrestrial TV broadcast uses about the same wave as analog TV. It's recommended to have a fishbone-like antenna on the roof for receiving. More detail is on the troubleshooting chapter in this manual.

VideoMate U3 has to operate on USB 2.0 interface. Please check your computer system to see if meets USB 2.0 requirement.

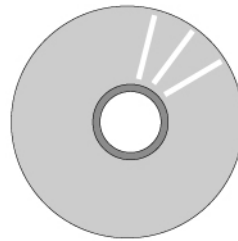
VideoMate U3 Contents



VideoMate U3



Manual



Software CD



USB extension cable



TV connection
cable



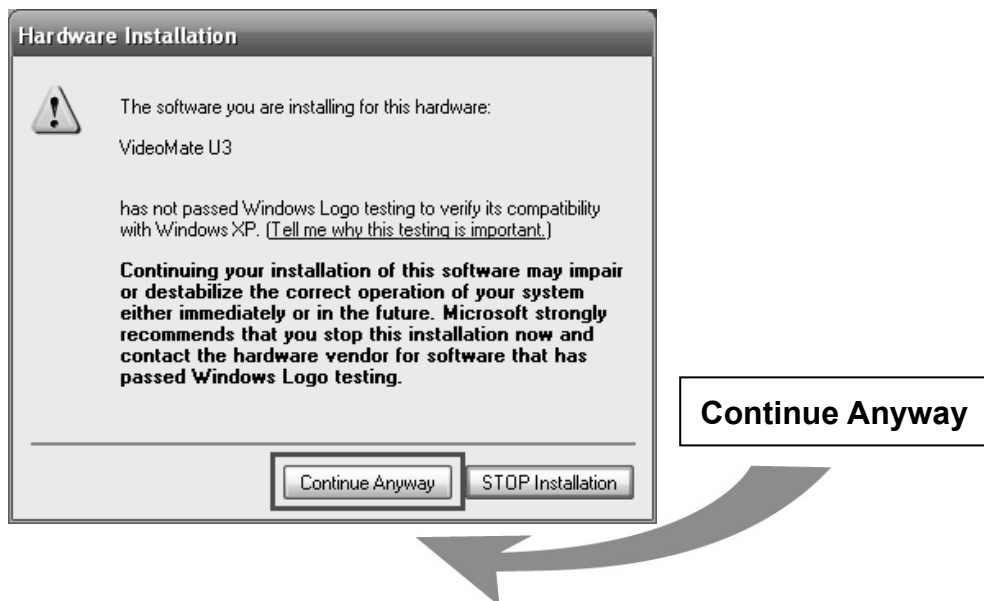
Antenna



Installation

Start the computer. Make sure *VideoMate U3* is connected to your computer and insert the installation CD into your CD drive.

- Step 1. Windows will detect a new device and start the Add/Remove Hardware Wizard. Please press **Cancel** and go to the next step.
- Step 2. Insert the installation CD into your CD drive. If you have Autorun enabled, the installer will start automatically. (If Autorun is disabled, double-click on "setup.exe" on the installation CD.) You can choose **Complete** to install all necessary software (VideoMate U3 drivers, ComproDTV, ComproDVD, Ulead PhotoExplore 8.5 SE) or choose **Custom** to select item by item. Compro recommends you choose **Complete**.
- Step 3. If you see the Windows Logo testing message, below, please press "Continue Anyway" to proceed.



- Step 4. Press **Next** to install ComproDTV, ComproDVD, Ulead PhotoExplore 8.5 SE.
- Step 5. After each program is successfully installed, press **Finish** to proceed.
- Step 6. When installation completes, press **Finish** to restart computer.
- Step 7. Connect TV signal.
- Step 8. Open ComproDTV to enjoy the show.

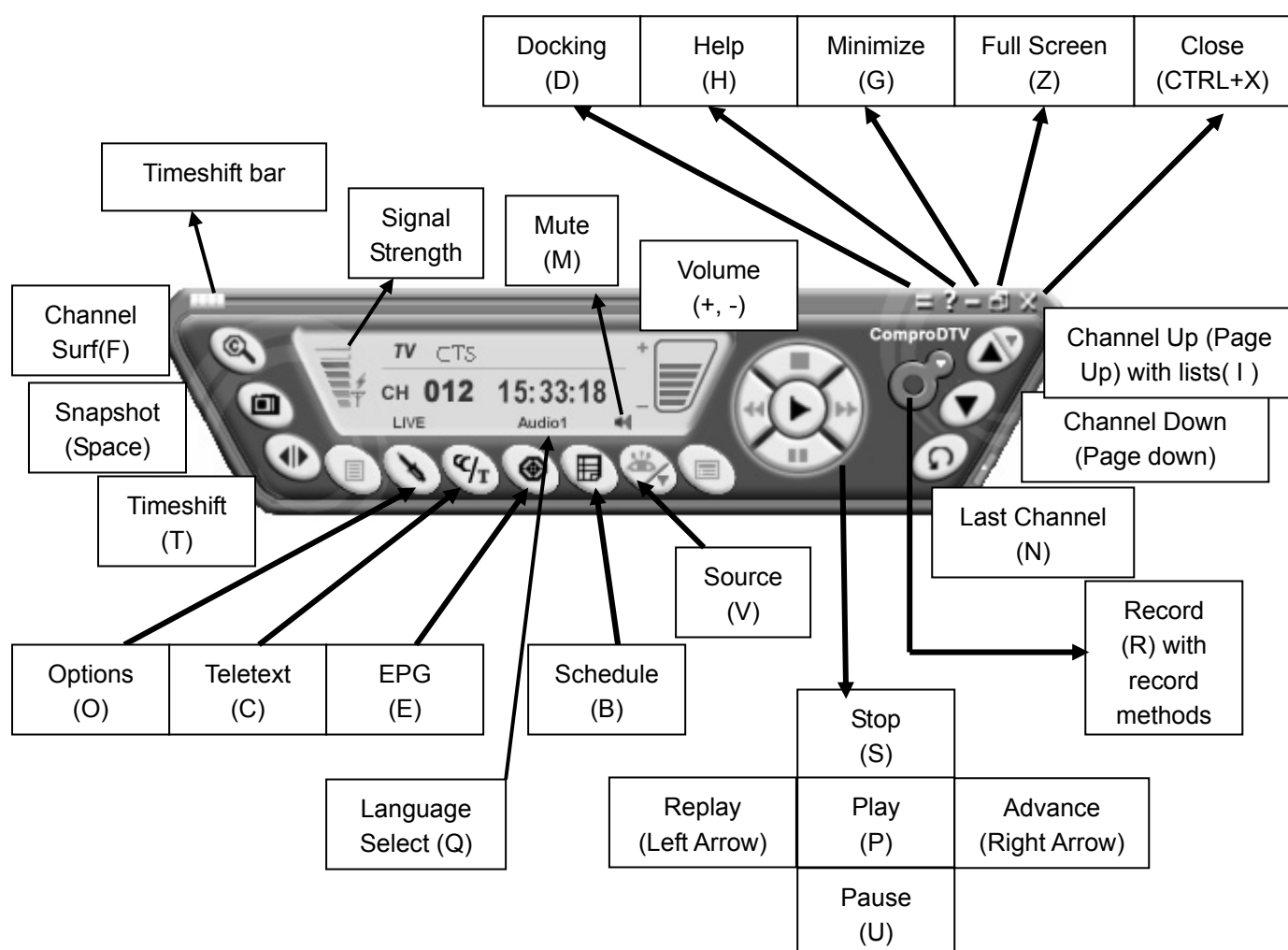
ComproDTV 2.5


Introduction

ComproDTV is a complete digital entertainment solution for your PC. Watch and record TV programs on your PC, in full-screen mode or in a window. Timeshifting lets you watch TV, pause live TV, or review your favorite scenes without missing a minute of the program. Integrated deinterlacing technology assures the highest picture quality.

Control Panel

The ComproDTV control panel resembles the controls on a VCR. Keep in mind that not all options are available at all times, and may be grayed out or inaccessible depending on your hardware setup and TV services available. The following pages describe the ComproDTV control panel functions, and tips for using ComproDTV. The following figure gives you the function of the button with (Hot Key.)



Icon	HotKey	Description
	A	Enable/Disable Always-on-Top function for TV window.(Oregon circle on the upper-right corner of the TV window)
n/a	L	Sleep function

Note: Language select is only available while the program supports it.

Watching

After installation, just double click the ComproDTV icon on the desktop you will be able to watch TV. Same as operating a normal TV set. Watch TV programs on your PC, in full-screen mode or in a window. Channel up and down.

Autoscan

The first time you start ComproDTV, Autoscan will automatically scan for available TV channels for both Cable signal and Antenna signals. You can rescan the channels at any time by pressing the **Autoscan** button.

When **Autoscan** is finished, detected channels are automatically enabled and marked with the green check mark ☒. Channels, where a valid signal could not be detected, are disabled and marked with a blank. However, you can interrupt the scanning process by pressing the **Stop** button.

Right-Click Mouse Menu

If using mouse to right-click on the TV screen, you can see a menu pop up. There are many useful options for your convenience.

Zooming image

If you would like to see more details on a certain part of a video image, you can press the mouse right button to drag a zone of the screen. You will see the zoomed image.


Also you can press the mouse right button and move on the screen to shift the zoomed area of the image. Just click the mouse left button to resume normal mode.

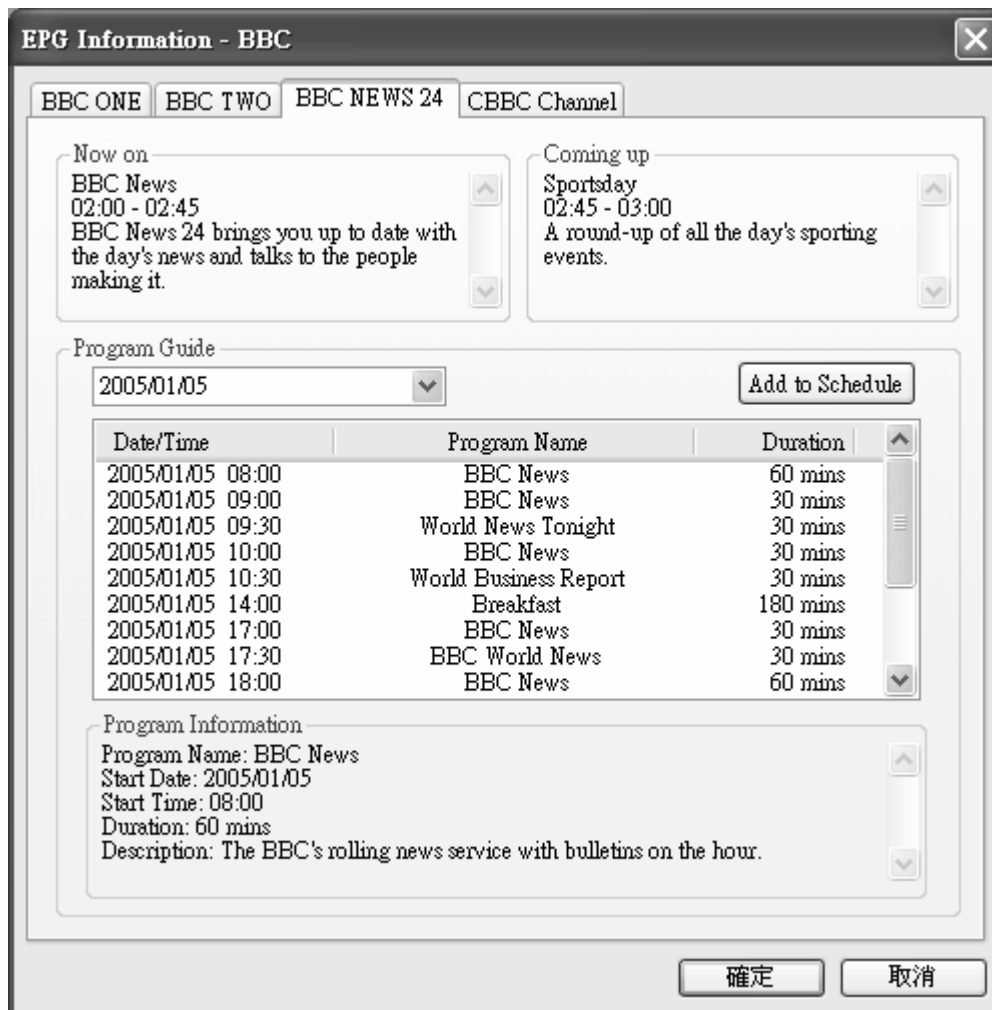
Channel Surfing

While watching TV, the channel surfing feature displays a 4x4 grid of channel images to give you an overview of available programming.



EPG (Electronic Program Guide)


You can press the **EPG**  button to open the **EPG** dialog box. **EPG** can provides lots of information about the TV program when available. You can easily add a program into a recording schedule with it.





Recording

ComproDTV is a digital video recorder and save the digital TV program which is MPEG-II format to your hard disk.

To instantly start recording:

Press the **Record** button . ComproDTV starts recording the video source currently showing in the display window. It will save it to a file on your disk.

Press the **Stop** button  to stop recording. ComproDTV will save it automatically and show the file name on the screen.

You can also use the schedule recording by press **Schedule** button  on control panel of ComproDTV.

Note

The default folder of recorded file is on My Document, you can change to another folder by entering the Options of ComproDTV.


Digital TV program is a fixed MPEG-II file format from TV station. ComproDTV will directly save them into your hard disk and can't transfer them to another format.

Playback

Press the **Play** button  to open the **Play** dialog box.

Timeshifting


Timeshifting temporarily saves the video to your hard disk for a specified period of time so that you can pause, replay, or skip commercials during live TV, without interrupting an ongoing recording session.

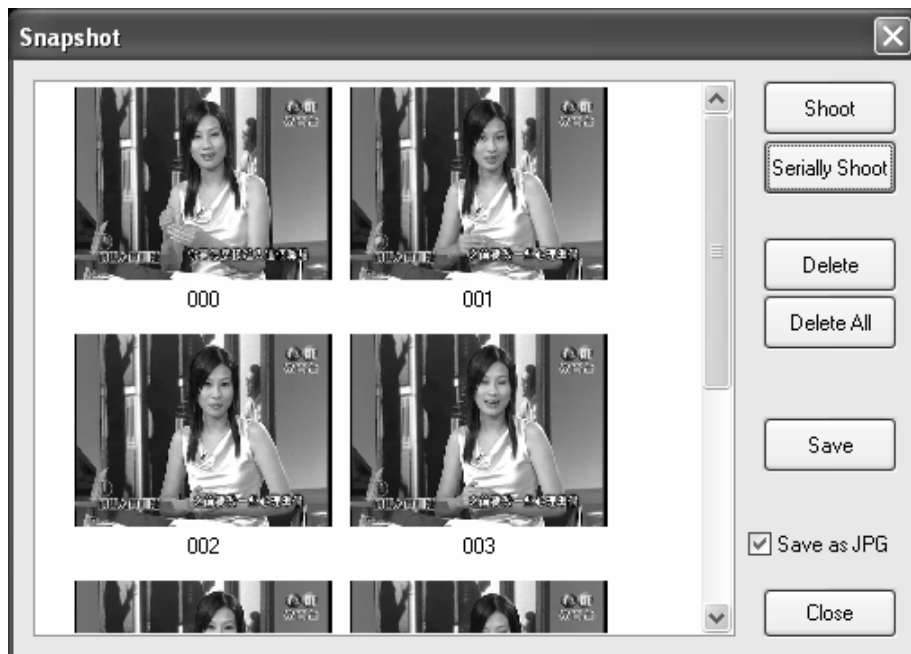
Press the **Timeshifting**  button and the Time Monitoring bar will appear.




You may also press the **Advance** (for commercial skip) and **Replay** (for instant replay) buttons on the control panel or remote control to navigate through the program. When you return to your seat, you can resume viewing the program from the point when you left.

Still Image Capture

Click on the capture icon  on the control panel or hit the "Space Bar" of the keyboard shortcut to capture an image of the display window. You can see the screen capture dialog as below.



Options

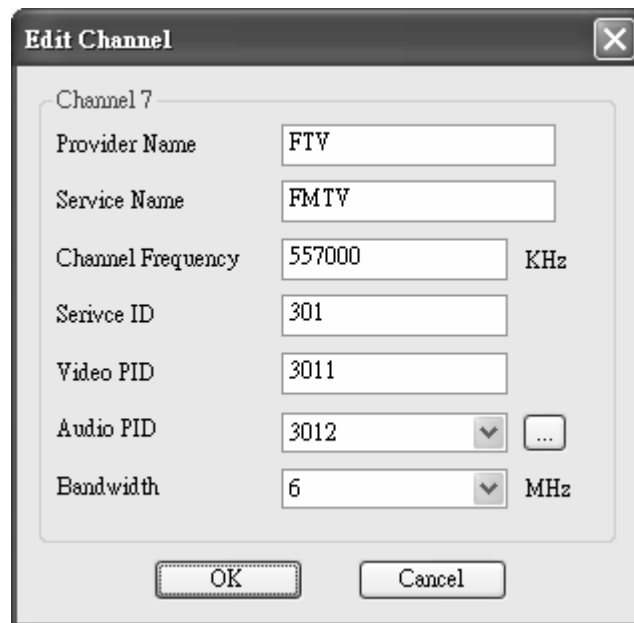
You can press the Options  button to open the Options dialog box. You can change detail settings of ComproDTV here.

After you are finished scanning for available channels, you may select **OK** to return to the display window, or customize the channel list according to your preferences, as described below.

Channel Properties

You can customize the channel names by double-click on the **Description field** of the channel you wish to rename.

You can do more changes on the channel's property by right-click the mouse on the **Description field** of the channel you wish to edit.

A screenshot of a software dialog box titled "Edit Channel" with a close button (X) in the top right corner. The dialog contains several input fields for channel configuration. The fields are: "Provider Name" with the value "FTV", "Service Name" with the value "FMTV", "Channel Frequency" with the value "557000" and a unit label "KHz", "Service ID" with the value "301", "Video PID" with the value "3011", "Audio PID" with the value "3012" and a dropdown arrow, and "Bandwidth" with the value "6" and a unit label "MHz". There are also "OK" and "Cancel" buttons at the bottom.

Channel 7	
Provider Name	FTV
Service Name	FMTV
Channel Frequency	557000 KHz
Service ID	301
Video PID	3011
Audio PID	3012
Bandwidth	6 MHz

Set Mem+

During the **Autoscan** process, ComproDTV automatically detects and enables channels with a valid signal. By default, every available channel will be enabled and marked with the green ☒ icon. However, you can shorten the list of enabled channels to reduce channel-browsing time. Customize your list by enabling or disabling channels from the channel list by clicking on the green ☒ icon.

Disabled channels will not be shown when you use the channel Up and Down or channel surfing functions.

More information is available on the User's Guides in the programs or on the CD

Troubleshooting

Troubleshooting steps

If you have problem installing or running VideoMate U3, please check the following by step:

1. **OS issue:** VideoMate U3 has to work on USB 2.0 interface. Note only Windows XP SP1 / Windows 2000 SP4 or above OS support USB 2.0. You are welcome to www.WindowsUpdate.com website for the Service Pack update of Microsoft.
2. **USB 2.0 issue:** you need to check your computer has USB 2.0 or not. Usually you will see "USB 2.0 Root Hub" device in the "Sound, video and game controllers" section of Windows Device Manager.
3. **Driver issue:** You should see " VideoMate U3" drivers, in the "Sound, video and game controllers" section of Windows Device Manager. If these drivers are not there, uninstalling and reinstalling the VideoMate U3 drivers can help.



4. **Installation Issue:** Make sure using USB extension cable to connect VideoMate U3. Don't connect device without USB extension cable in case of breaking USB connector. Also, make sure to plug in TV connect cable gently.



5. **Power Issue:** VideoMate U3 takes power from the USB 2.0 port. **Note:** PCMCIA and USB hub won't provide enough power so that you have to use PCMCIA and USB hub with adapter plug-in in order to take power from it.

Sometimes plugging in another USB 2.0 port may help. Some motherboards and notebook's USB 2.0 ports do not meet the USB standard providing the standard 5V 500mA power. In these cases, VideoMate U3 will not have enough power to work. Please contact computer vendor for the issue.

6. **No Signal:** In order to receive digital terrestrial TV broadcasts, an antenna is crucial. Digital terrestrial TV broadcast uses about the same wave frequencies as analog TV (VHF and UHF). It's recommended to have a fishbone-like antenna (see figure) on the roof for reception.



Make sure you position the antenna in the direction of the TV broadcast base. Adjust the position for the best reception.

Digital terrestrial TV determined by government policy. The broadcast bases will be increased in order to cover the entire country. Please check the related government website for more information

about the strength of digital terrestrial TV broadcast in your area.

You can check how good the signal is in your location by a simple test. Please plug in the antenna into an analog TV set. Then check if this TV set can receive a good TV signal. If the picture is not clear, the digital terrestrial TV broadcast signal is about the same. The difference is when the program data is not sufficient, you may see a blank screen or the video will be scrambled.

7. **No Video:** In order to decode DVB-T MPEG-2 file format, you have to install the Ulead PhotoExplore 8.5 SE on the installation CD for decoding.
8. **No Audio:** Check the Mute and Volume settings in the **Windows** Volume Control dialog. (Double-click on the speaker icon in the system tray.) Check the Mute and Volume settings in the **ComproDTV** Volume Control dialog.
9. **Can't record:** Make sure that your hard drive has plenty space for recording. ComproDTV needs to use components of Ulead PhotoExplore 8.5 SE on the installation CD. If your computer doesn't have PhotoExplore, ComproDTV will fail to record. Please install Ulead PhotoExplore 8.5 SE.
10. **Video lags:** It's possible that signal is not strong enough. Please verify it as above step. While receiving HDTV programs, VideoMate U3 needs full speed USB 2.0 bandwidth to transfer data and a lot of CPU usage to decode. Please also check the CPU usage if reaches 100% while watch HDTV programs. 2.4 GHz is recommended for HDTV watching and

recording. Please also check if other devices occupy the USB bandwidth, especially the hard disk usage.

11. **Temperature issue:** After using VideoMate U3 for a while, it is normal to feel warm with the body.
12. **Other issue:** Please go to our website for the latest software update. Many problems may be fixed on the newer software version. You are welcome to visit our website at <http://www.comprousa.com/support>

Contacting Compro Technical Support

If above doesn't help, please check support FAQs (Frequently Asked Questions) on our web site <http://www.comprousa.com/support>

You are welcome to download the latest software from our website as well. Most problems may be solved on the updates. When contacting Compro for technical support, please use the Compro support request form and provide as much of the requested information as possible. Please write the details in order to determine the problem. And also provide the product serial number (19 digits numbers) on the VideoMate U3. Please use the form from

<http://www.comprousa.com/support/form.htm>.

We will get back to you as soon as possible.